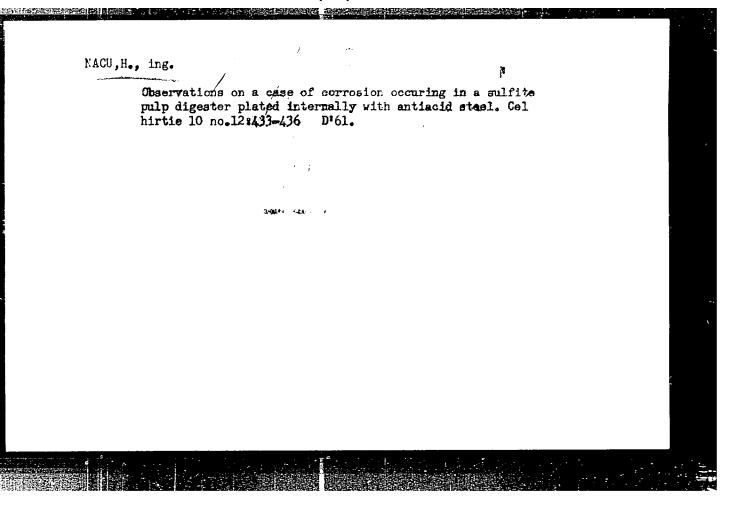
NACU, Hristodor, ing.

Observations based on the long working of a steam boiler with high parameters. Energetica Rum 9 no.8:316-321 Ag '61.



NACU M.

IONESCU-MUSCEL, I., prof. ing.; KEIMER, I., ing.; COTIGARU, B., ing.; RUSAMOVSCHI, Maria, ing.; GHENCEA, M., ing.; COSTENCIUC, N., ing.; GHERSIN, B., ing.; MATEI, Ana, ing.; IONESCU-MUSCEL, C., ing.; NACK, M., ing.

Contributions to the problem of wool washing under optimum temperature and pH conditions. Ind text Rum 13 no.5:197-203 My 162.

1. Institutul de stiinte economice V.I. Lenin (for Ionescu-Muscel, I., Kelmer, Cotigaru). 2. Laboratorul central Ministerul Industriei Uscare (for Rusanovschi, Ghencea). 2. Fabrica Textila Grivita (for Costenciuc, Ghersin). 4. Ministerul Industriei Petrolului si Chimiei (for Matei). 5. Institutul de Oncologie (for Ionescu-Muscel, C.). 6. Fabrica Electrotehnica (for Nacu).

MACU, Vasile, arhitect

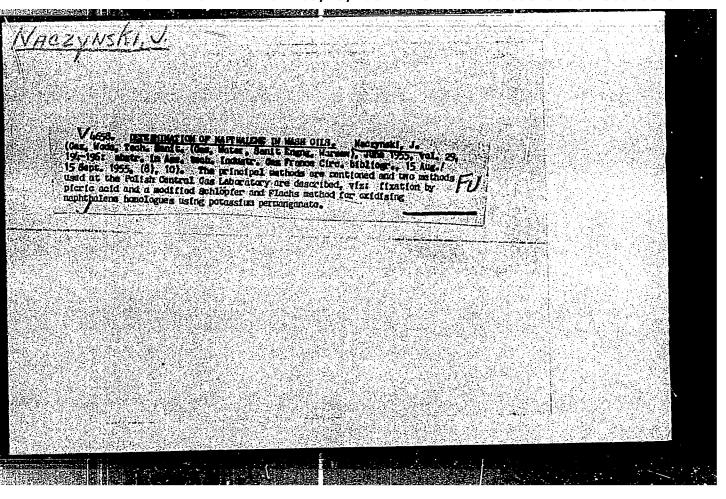
Modern architecture. Constr Buc 16 no.759:1 25 Jl '64.

1. Office of Systematization, Architecture, and Construction Projects, Iasi.

KANCRGA, Nedeljko; Nacvinski, Konstantin.

Apropos of 2 cases of perforated mucocele of the appendix. Srpski arch. celok. lek. 91 no.ll:1071-1074 N°63

1. Hirursko odeljenje Zeleznicke bolnice - Dedinje u Beogradu; (nacelnik: prim. dr. Branko J.Jovanovic); Hirursko odeljenje Opste bolnice u Leskovcu (sef: prim.dr. Dusan Dekleva



MACZYNSKI, JOHZY

Poland Chemical Technology. Chemical Products

I**-**15

and Their Application

Treatment of solid mineral fuels

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31863

Author : Naczynski Jerzy

Title : Determination of Naphthalene Content in Absorbent

Oils

Orig Pub: Gaz, woda, techn. sanit., 1955, 29, No 6, 194-196

Abstract: A critical review of the current methods used at

coking plants for determining the content of naphthalene (N) in absorbent oils, tars and their fractions (methods of freezing, nitration, combining N with picric acid, polarography). A method

is reported which the author has developed for determining the total content of N in tetralin and

Card 1/2

Poland /Chemical Technology. Chemical Products and Their Application

I-15

1

Treatment of solid mineral fuels

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31863

absorbent oils, and which is a modification of the picric acid method, that makes it possible to carry out the analysis in 2 hours with an error not exceeding 2%. The method and apparatus are described in detail. For determination of pure N in various solvents, a modification of the method of Schlepfer and Flachs has also been evolved, which is characterized by the fact that absorption of N with picric acid is carried out at a temperature of 4°, and titration is effected with alkali (KOH) using phenolphthalein as indicator.

Card 2/2

NACZYNSKY, JERZY

Poland Chemical Technology. Chemical Products and Their Application

I-15

Treatment of solid mineral fuels

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31830

Author : Daniec Eugeniusz, Naczynski Jerzy

: Purification of Gas to Remove Naphthalene Title

Orig Pub: Koks, smola, gaz, 1956, 1, No 3, 107-113

Abstract: A review of the current methods of purification of gases of coking plants and gas works to remove naphthaline (including the methods disclosed in a number of patents), and also of the procedures used to remove naphthalene from pipe lines. The inadequate technological level of naphthalene removal in Czechoslovakia and Polant is noted, and also the necessity of improving the methods

Card 1/2

Poland Chemical Technology. Chemical Products and Their Application

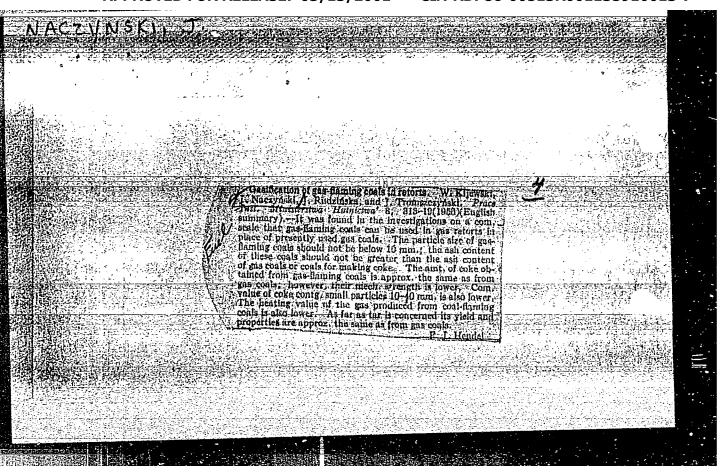
I-15

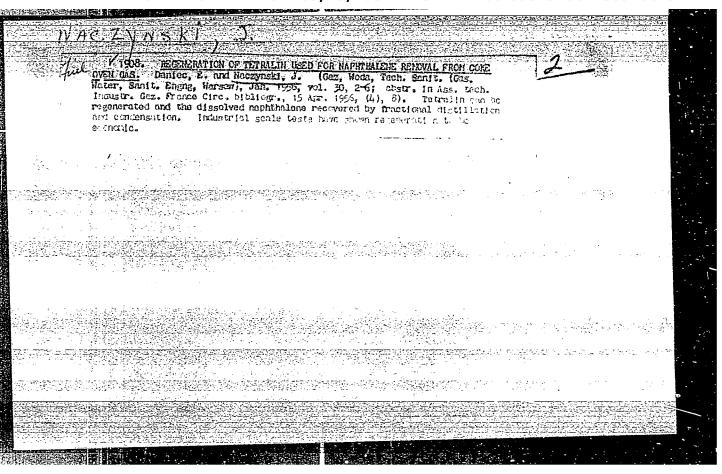
Treatment of solid mineral fuels

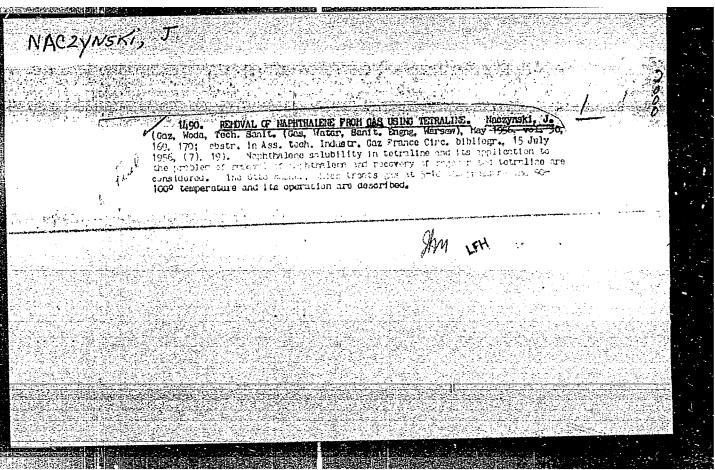
Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31830

of naphthalene removal from gases, and adopting these methods in practice. Bibliography 31 references.

card 2/2







NACZYNSKI, J.

NACZYNSKI, J. Regenerating tetralin used in the denaphtalizing of coke-oven ga. p. 2. GAZ, WODA I TECHNIKA SANIT ARNA. Warszawa, Poland. Vol. 30, No. 1, Jan. 1956

SOURCE: East European Accessions List (EFAL) LC Vol. 5, No. 6, June 1956

NACZYNSKI, JERZY

POLAND/Chemical Technology, Chemical Products and Their

eir H-22

Application, Part 3. - Treatment of Solid Combustible

Minerals.

Abs Jour: Referat. hurnal Knimiya, No 10, 1958, 33769.

Author : Eugeniusz Daniec, Jerzy Naczynski, Hanna Regulska.

Inst : Not given.

Title : Removal of Maphthalene Deposits from Cas Piping with

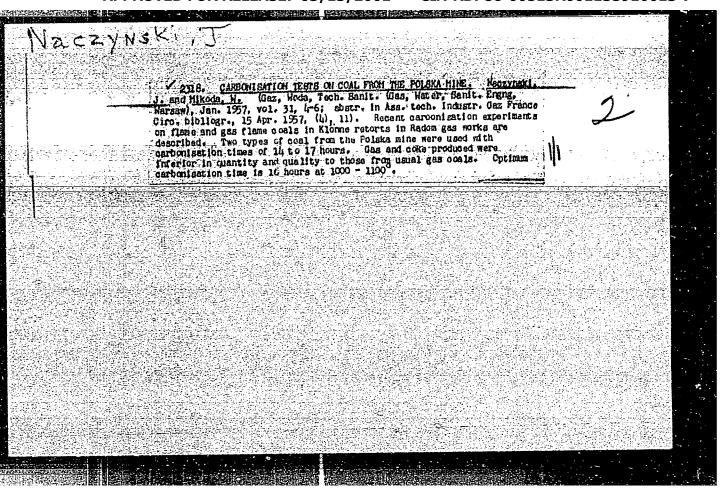
Solvente.

Orig Pub: Gaz, woda, techn. sanit., 1957, 31, No 8, 287-293.

Abstract: It was shown by laboratory experiments and at work

that a mixture of solvent naphtha with tricresol in the proportion of 9: 1 replaced tetralin completely in recovering naphthalene (N) from a gas flow, as well as at the removal of N deposits from the inside surface of pipes. It is recommended to introduce the mixture

Card: 1/2



POLAND / Chemical Technology. Processing of Solid Fuels.

H-22

Abs Jour: Ref. Zhur-Khimiya, No 12, 1958, 40953-7

Author : Danets, Nachinsky, Regul'skaya.

Inst : Institut Chemicznej Pozerobki Wogla.

Title : A mothod for cleaning gas pipes from naphthalene deposits.

Orig Pub : Pol'sk pat. 39579, 10.01.57

Abstract: The gas pipes are cleaned from naphthalene deposits by passing a liquid or solvent vapors thru them. The above method is characterized by the use of a two-component, carefully blended mixture as the solvent, which is composed of solvent naphtha(3) and tricresol(s mixture of o-,m-, and p-cresols)(T), anilino(A), or picelino(P). The ratio of the components can be(in %): 90S and 10T, 80S and 20A, or

Card 1/2

POLAND/Chemical Technology. Chemical Products and Their Uses. Fart III. Chemical Processing of Solid Fossil Fuels.

Abs Jour : Ref Zhur-Khiniya, Fe 15, 1958, 51482

: Daniec, E., Tromszczynski, J., Naczynski, J. Author

Inst

: Protective Devices for Gas Burners. Title

Orig Tub: Gaz, woda, tochn. sanit., 1957, 31, No 12,

468-472

Abstract : A survey of protective devices for gas burners of municipal and industrial ovens used in various countries was presented. The Covices automatically stop gas inflow, upon extinction of the flame. A possibility of construction of similar instruments using

Card : 1/2

65

CIA-RDP86-00513R001135910013-7" APPROVED FOR RELEASE: 03/13/2001

MODIFICATION OF Same European Accessions (F.AI) 10 for., 0.8.

Acris 17.0, Substantial European Accessions (F.AI) 10 for., 0.8.

Acris 17.0, Substantial European Accessions (F.AI) 10 for., 0.8.

Acris 17.0, Substantial European Accessions (F.AI) 10 for., 0.8.

NACZYNSKI, J
"A new balance for weighing coal charges in gasworks."
p.114 (Koks, Smola, Gaz, Vol. 3, no. 3, May/ June 1958)

Monthly Index of East European Accessions (EEAI) IC, Vol. 8, no. 1, Jan 59

PolaND/Chemical Technology. Chemical Products and Their Application. Instruments and Automation

Abs Jour : Ref Zhur - Khim., No 24, 1958, No 81912

: Nacsynski J., Rudinska J., Tromszcynski J. Author

Inst

: Control and Automatic Regulation of Technological Processes Title

of Gas Industry

Orig Pub : Gas, Woda i techn. sanit., 1958, 32, No 3, 118-121

Abstract : Reviewed are the basic integral parts of coke-gas industry

with a description of modern instruments and apparata caployed for the automatic control of temperature, pressure, humidity, 02 content, and other process variables involved. Six technological flow diagrams are attached that depict position of such instruments and indicate their interrelation with regard to operation of the whole operationsl blocks or departments, as well as to operating characteristies of the coal gasification process. -- Yu. Skoretskiy.

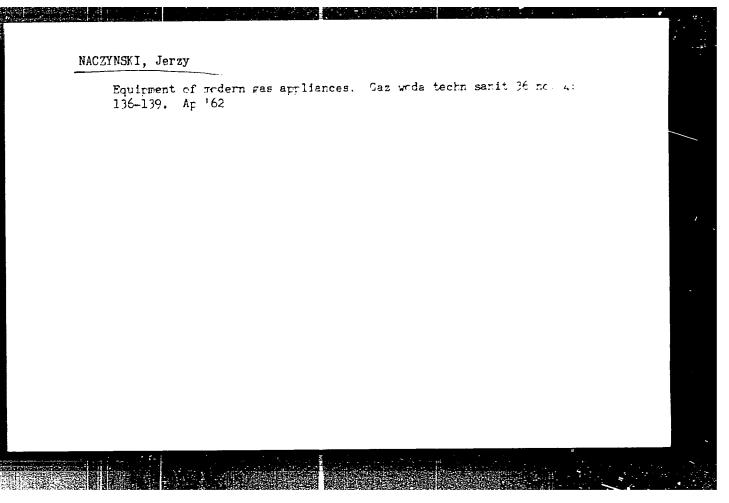
Card : 1/1

> CIA-RDP86-00513R001135910013-7" APPROVED FOR RELEASE: 03/13/2001

NACZYNSKI, Jerzy; TROMSZCZYNSKI, Jamusz

Safety devices in gas appliances. Koks 7 no.2:31-85 Mr-Ap 1621

1. Centralne Laboratorium Gazomnictwa, Warszawa.



NACZYNSKI, Jersy; TROMSZCZYNSKI, Januaz

Material and heat balances of gas installations. Gaz woda tech sanit 36 no.5:172-175 My '62.

1. Centralne Laboratorium Gazownictwa, Warszawa.

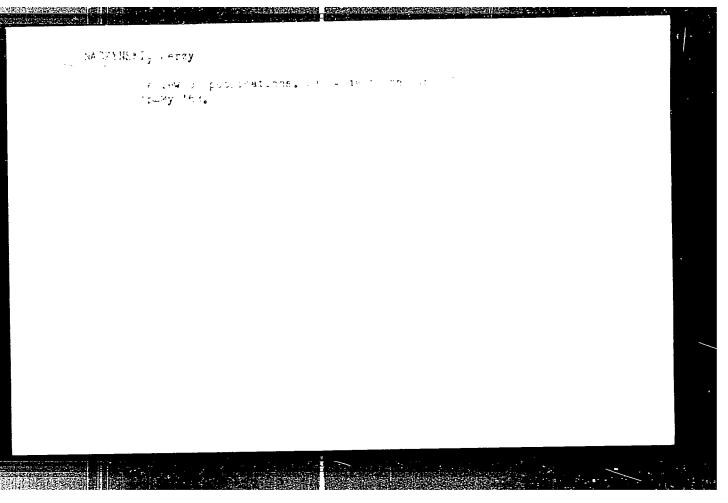
PAWLIKOWSKI, T.; NACZYNSKI, Jerzy; PASYNKIEMICZ, J.

Review of publications on gas engineering. Gaz woda techn sanit 37 no.8:266-267 Ag '63.

KIJEWSKI, Waclaw, mgr inz.; NACZYNSKI, Jerzy, inz.; ZYLKO, Waclaw, mgr.

Problems and state of gas engineering in the German Democratic Republic as seen from certain centers. Gaz woda techn sanit 37 no.4/5:133-136 Ap-My 163.

1. Central Gas Engineering Laboratory, Warsaw.



HACZYNSKI, Jerzy

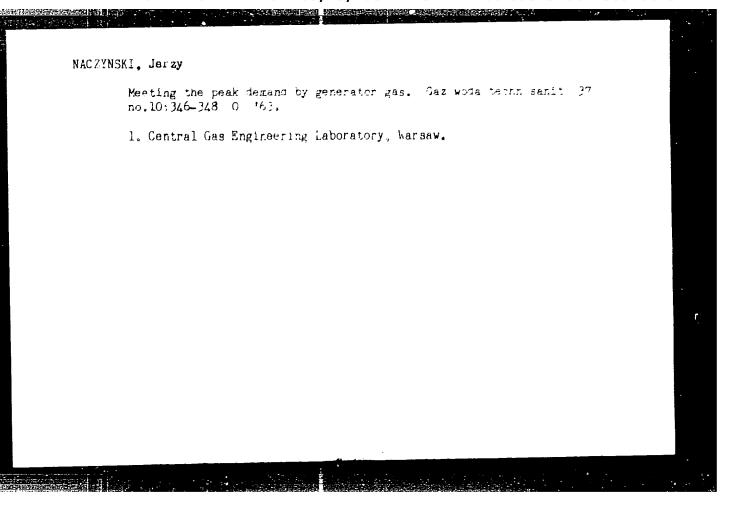
Problem of balance calculation of thermal gas installations. Gaz woda techn sanit 37 no.6:199-203 Je '63.

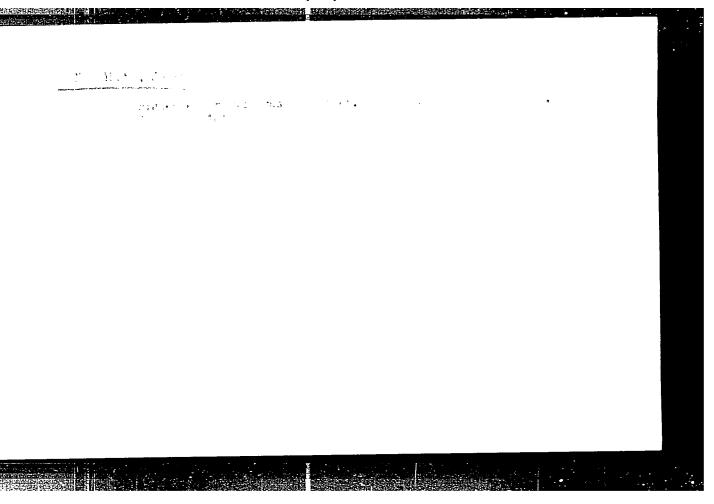
1. Central Gas Engineering Laboratory, Warsaw.

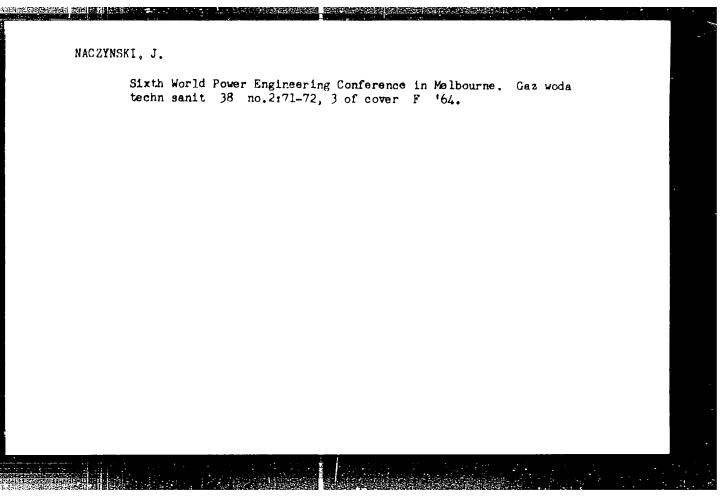
NACZYNSKI, Jerzy; PLESKACZ, Janina; TROMSZCZYNSKI, Janusz

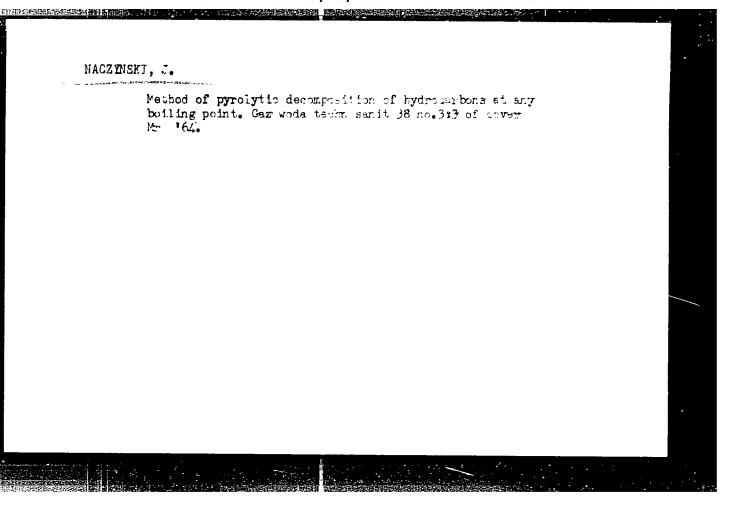
VIAG generators after guarantee tests in Poland. Gaz woda techn sanit 37 no.7:226-229 Jl 164.

1. Central Gas Engineering Laboratory, Warsaw.







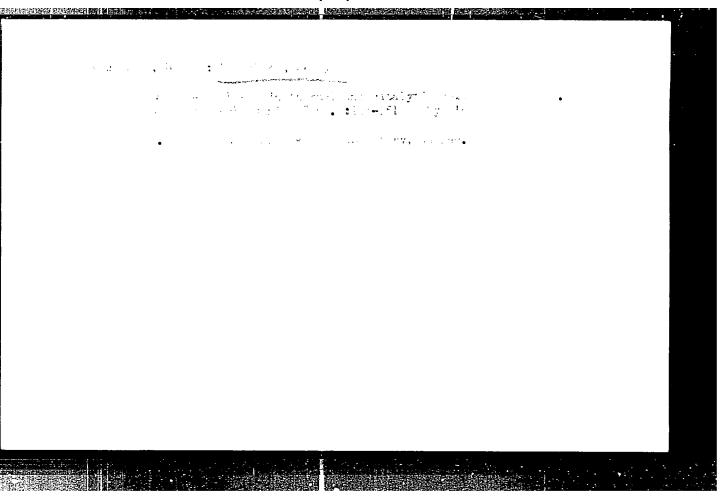


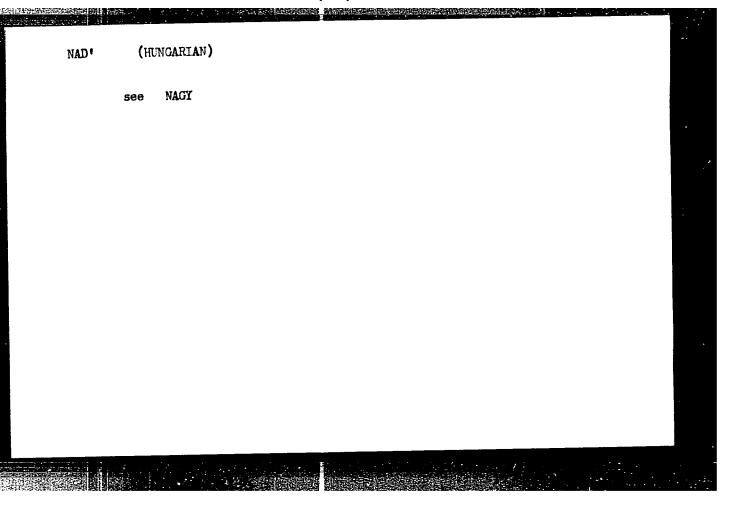
NACZYNSKI, Jerzy

Calculation of the burnt gas quantity and the heat efficiency coefficient for gas heated ovens. Gas woda techn sanit 38 no.4:135-137 Ap *64

Improved method and equipment increasing the efficiency of generators gasifying solid and liquid fuels. Ibid.: 3 of cover.

1. Central Gas Engineering Laboratory, Warsaw.





AUTHOR: Nad', A.A., Gusev, V.D.

113-58-7-9/25

TITLE:

Push-Button Control of the Transmission (Knopochnoye upravleniye

korobkami peredach)

PERIODICAL:

Avtomobil'naya promyshlennost', 1958, Nr 7, pp 18-20 (USAR)

ABSTRACT:

The new ZIL-111, automobile which will be released in 1900, has been equipped with a push-button control of the transmission. The experimental model of the M-13 automobile of the Cor'kovskiy avtozavod (Gor'kiy Automobile Plant) also has such a pushbutton control and the GAZ-13 have this control similar to that of Chrysler and Plymouth types. There is a mechanical (Photo 1) and an electrical (Photo 3) push-button control, the latter experimentally installed in the CIL-III, where the electromotor, change-over switch and decelerator have been assembled in one unit measuring 240 x 140 x 85 mm. The weight usually does not exceed 1.25 kg. The characteristics are compared with those of American makes. A general recommendation to adopt this type of transmission control for all Soviet light cars must be preceded by comparative experiments with both types of push-button control over an extended period of time. There are 3 photos and 1 schematic dragram,

Card 1/2

Push-Button Control of the Transmission 117-58-7-0/26 ASSOCIATION: Moskovskiy avtozavod imeni Likhacheva (The Moscow Car Flant

imeni Likhachev)

1. Automobiles—Operation 2. Automatic transmissions—Control systems

Card 2/2

BIRO, F.; KASA, L. [Casa, L.]; BIRO, G.; NAD', A. [Nada, A] (Tyrgu-Muree 1)

Rffect of butazolidine on the liver parenchyma. Arkh. pat. 25
no.8257-60 '63 (MIRA 1724)

1. Iz kafedry normal'noy anatomii i operativnoy khirurgii (zav. prof. T. Marosh [Y.Maros] i kliniki infektsionnykh bolezney
Tyrgu-Mureshskogo mediko-farmatsevticheskogo instituta, Rumyn-skaya Narodnaya Respublika.

FAZAKASH, Shandor [Fazakas, Sandor]; NAD', Derd' [Magy, Gyorgy]

Idiosyncrasy to megrotamate (andaxin). Edin. med. 40 mod.ll: 129-130 N'62 (MIRA 16:12)

1. Iz 2-go terapevticheskogo otdeleniya Debretsenskogo meditsinskogo instituta.

BOZOKI, G.; GOMBOSHI, Ye. [Gombosi, E.]; NAD', E. [Nagy, E.]

Effective mass generated in diffraction dissociation processes. IAd. fis. 2 no.51945-949 N '65.

(MIRA 18:12)

1. TSentral'nyy institut fizicheskikh issledovaniy, Budapesht.

29328 S/109/61/006/010/027/027 D201/D302

9,4360(1139,1331)

AUTHOR:

Nad', F.Ya.

TITLE:

Anomalous volt-ampere characteristic of alloyed

germanium

PERIODICAL:

Radiotekhnika i elektronika, v. 6, no. 10, 1961.

1775

TEXT: This is a brief report on the behavior of a sample of germanium with soldered indium contacts. The sample was a monocrystal of p-type Ge with gold impurity concentration 3 x 1015 cm-3 and the degree of compensation of 0.01. The sample had dimensions 1 x 1.5 x 12 mm³ and was placed in a cryostat at 80°K, at which temperature it had a resistance of about kiloohm. It was found that with current flowing in one direction the caracteristic was linear. The change in the applied voltage polarity produced a substantial change in the shape of the volt-ampere characteristic: an increasing voltage produces at 4.98 V a step-change in the current. With the reversal of voltage the step-change occurs at 4.6 V so that

Card 1/2

An malous volt-ampere ...

29328 S/109/61/006/010/027/027 D201/D302

the volt-ampere characteristic produces in effect a hysteresis loop Also, by connecting the crystal in series with a sensitive load (Rload Rsample) and a battery supply and by varying the voltage of the latter, sinusoidal stable oscillations were observed, for the latter, sinusoidal stable oscillations were observed only at the polarity of potential which corresponded to the presence of the hysteresis loop. The illumination by white light stopped the oscillations. After switching off the light the oscillations started again with amplitude build-up for about 1 min. It is stated in conclusion that the above effects seem to be related to the processes occuring at the contacts. There are 1 figure, and 1 monocation reads as follows: R. Bube, J. Appl. Phys., 1960, 31, 12.

SUBMITTED: April 8, 1961

Card 2/2

s/109/62/007/003/023/029 D256/D302

9.4177 (1051)

AUTHORS: Alekseyeva, V.G., and Nad', F.Yu.

TITLE: Kinetics of photoconfuctivity in gold-loped n-type

gernanium.

PERICDICAL: Radiotekhnika i elektronika, v. 7, no. 3, 1902,

542 - 546

TEXT: Photoconductivity of n-type germanium deped with gold was investigated experimentally in an attempt to obtain information on the dependence of photocarrier recombination upon the charge state of the gold atoms. To produce samples with a single or two predominant charge states of the gold atoms a denor compensating admixture of antimony was employed. Two types of samples were used in the investigation: 1) AuT and Au-2 predominant; 2) Double charged Au-2 along predominant. The experiments were carried out at 770%, using pulsed monochromatic light, the pulses of the photocurrent were amplified with a wide-band amplifier and recorded photograpulatedly from the screen of a c.r. oscilloscope. The obtained photoconductivity decay curves for the samples of the first type show Card 1/2

Kinetics of photoconductivity ...

\$/109/62/007/003/023/023 D256/D302

two components: A fast one with t = 15 u sec. and a slow to with t = 80 to 90 u sec. The curves for the samples of the secine type can be well fitted using one only exponent with t = 120 to 150 u sec. The dependence of the photoconductivity decry upon the wavelength of the light was also investigated, showing that in the relation of admixture excitation the effective decay time remained constant, but an increase was observed when moving to the region of self-absorption. From the experimental results the cross-sections for carrier capture by the single and double-charged atoms were estimated to be respectively 1 x 10-17 cm² and 4 x 10-19 cm². The calculation was carried out under the assumption that the Fermi level is close to the level of Au². There are 3 non-Soviet-bloc references. The references to the English-language publications read as follows: W.C. Dunlap, Jr., Phys. Rev., 1953, 91, 5, 1282; 1955 97, 3, 614; 1955, 100, 6, 1629; H.H. Woodbury, and W.M. Tyler, Phys Rev., 1957, 105, 1, 84; L. Johnson and H. Levinstein, Phys. Rev., 1960, 117, 5, 1191.

SUBMITTED: May 24, 1961

Card 2/2

ACCESSION NR: AP4041710

s/0181/64/006/007/2064/2071

AUTHORS: Nad', F. Ya.; Oleynikov, A. Ya.

TITLE: Photoconductivity of n-type indium antimonide in the long wave region of the spectrum

SOURCE: Fizika tverdogo tela, v. 6, no. 7, 1964, 2064-2071.

TOPIC TAGS: photoconductivity, indium antimonide, electron conductivity, Hall constant, Hall effect, ionization energy, photoeffect

ABSTRACT: In order to ascertain which of two possible photoconductivity mechanisms predominates under various conditions, the authors investigated the relative contribution of extrinsic photoconductivity and the photoconductivity connected with heating of the carriers by the radiation, to the photosensitivity of n-type InSb at millimeter wavelengths and helium temperatures. The dependence of the Hall constant on the temperature and on the magnetic field was

Card

1/3

ACCESSION NR: AP4041710

The ionization energy of shallow impurities in n-LnSb and its dependence on the magnetic field were determined. The investigation showed that in specimens where the uncompensated donor density is lower than $10^{15}~{\rm cm}^{-3}$ the application of a magnetic field increases the photosensitivity appreciably, owing to the increased contribution of the extrinsic photoconductivity. The Hall-effect measurements yielded a value 10^{-3} -- 10^{-4} eV for the ionization energy. which is found to depend on the magnetic field. The Hall-effect measurements were well confirmed in the investigation of the photoelectric properties. Variation of the magnetic field makes it possible to shift the "red edge" of the photoeffect. The effect of the concentration of the uncompensated donors on the photoresistivity in the long wave region is briefly discussed. "The authors are grateful to T. M. Lifshits and Sh. M. Kogan for valuable discussions and Orig. art. has: 6 figures, 2 formulas, and continuous interest." 2 tables.

Card 2/3

ACCESSION MR: AP4041710

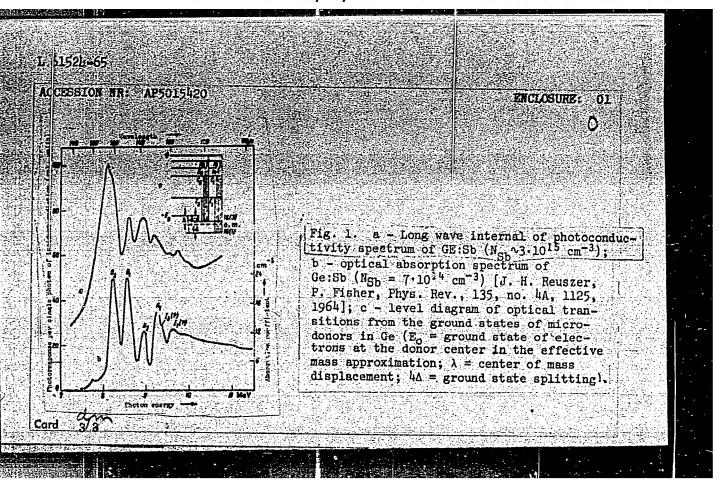
ASSOCIATION: Institut radiotekhniki i elektroniki AN SSSR, Moscow (Institute of Radio Engineering and Electronics, AN SSSR)

SUBMITTED: 29Jan64 ENCL: 00

SUB CODE: SS, EM NR REF SOV: 003 OTHER: 006

EWT(1)/EWT(m)/EEC(t)/EWP(t)/EWP(b) IJP(c) JD/AT UR/0023/65/162/004/0801/0802 ACCESSION NR: AP5015420 AUTHOR: Lifshits, T. M.; Nad', F. Ya Photoconductivity of germanium alloyed with group V admixtures at photon energies less than the ionization energy of the admixtures SOURCE: AN SSSR. Doklady, v. 162, no. 4, 1965, 801-802 TOPIC TAGS: doped germanium, photoconductivity, germanium antimonide, germanium arsenide ABSTRACT: Photoconductivity was studied in samples of Ge alloyed with Sb and As (concentrations of the admixtures were $\sim 3 \cdot 10^{15}$ cm⁻³ and $1 \cdot 10^{15}$ cm⁻³, respectively). The results show that photoconductivity occurs even at photon energies which are substantially smaller than the ionization energy of the impurity atoms. This photoconductivity may be related to partially overlapping excited states, and the contribution of excited states to the impurity photoconductivity may proceed via phonon participation in electron transitions from the impurity levels into the conduction band (the photon and phonon absorption may occur consecutively or simultaneously). The strong temperature dependence of the observed photoconductivity seems to favor such a mechanism (see Fig. 1.pf the Enclosure). Orig. art. has: 1 figure. [80] Card 1/9

Radio Engineering and Electr	otekhniki i elektroniki Aka	receive a firm of the second of the					
	conics, Academy of Sciences	SOCIATION: Institut radiotekhniki i elektroniki Akademii nauk SSSR (Institute of dio Engineering and Electronics, Academy of Sciences, SSSR)					
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EWT(1)/EWT(m)/EWP(t)/ETI IJP(c) L 42816-66 SOURCE CODE: UR/0181/66/008/007/2149/2153 ACC NR: AP6024481

AUTHOR: Lifshits, T. M.; Nad', F. Ya.

ORG: Institute of Radio Engineering and Electronics, AN SSSR, Moscow (Institut

radiotekhniki i elektroniki AN SSSR)

Impurity photoconductivity of n-InSb in strong magnetic fields TITLE:

SOURCE: Fizika tverdogo tela, v. 8, no. 7, 1966, 2149-2153

TOPIC TAGS: impurity conductivity, strong magnetic field, indium alloy, antimony alloy, photoconductor, photoconductivity

ABSTRACT: The subject of the present article is the investigation of the spectral dependence of the long-wave photoconductivity of n-InSb in a strong magnetic field in the 700-2000 mu wavelength region, and the direct measurement of the photoionization energy of small donors in this material. The long-wave photoconductivity of n-InSb at 1.8K in magnetic fields of 10-35 ke has a spectral characteristic which is typical of normal impurity photoconductivity with a well-defined decay toward long waves. The position of the long-wave boundary determined by the half-decay point of the photoresponse at various magnetic fields agrees in practice with the thermal energy of ionization obtained from the linear slope of the Hall coefficient temperaturedependence curves. The narrowing of the spectral characteristic of the impurity photoconductivity with an increase in the magnetic field indicates, apparently, that

Card 1/2

with qui	ed by	crease the op	in the magne tical shifts perposed exci gan for valua	or electron	of the	donor	center	s. The au	thors	is ac- us spectro are grate- [26	125a
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ACC NR. AP6036959

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SOURCE CODE: UR/0181/66/008/011/3208/3212

AUTHOR: Lifshits, T. M.; Sidorov, V. I.; Nad', F. Ya.

ORG: Institute of Radio Engineering and Electronics, AN SSSR, Moscow (Institut radiotekhniki i elektroniki AN SSSR)

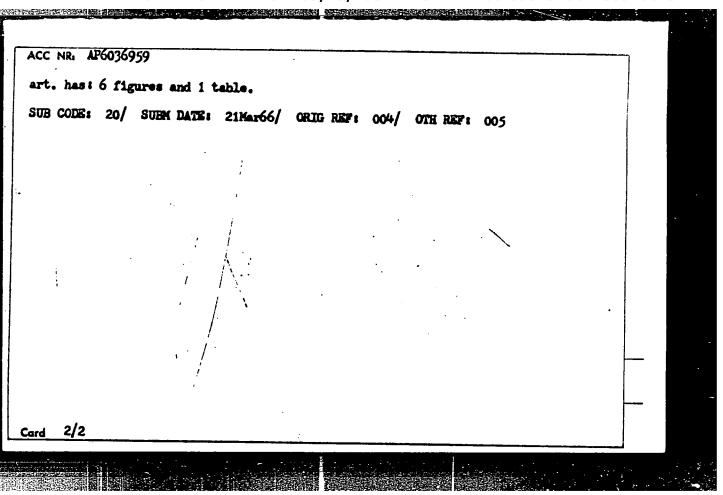
TITLE: Extrinsic photoconductivity of germanium doped with antimony, arsenic, boron, or indium

SOURCE: Fizika tverdogo tela, v. 8, no. 11, 1966, 3208-3212

TOPIC TAGS: photoconductivity, impurity conductivity

ABSTRACT: The spectral distribution of the extrinsic photoconductivity of germanium containing various amounts of Sb, As, B and In $(6 \times 10^{13} - 6 \times 10^{17} \text{ cm}^{-3})$ was studied. Data on the impurity concentrations, charge carrier mobilities and ionization energies of the impurities in the samples studied are given. They show that as the concentration of the donor impurity Nd increases, the thermal ionization energy ϵ_t decreases considerably and it is equal to zero when Nd = $6 \times 10^{17} \text{ cm}^{-3}$. Data are presented on the shape of the spectral photoconductivity curve as a function of the concentration of the n- and p-impurities in germanium and of the magnitude of the electric field in the samples. In conclusion, authors thank N. P. Likhtman, who measured the electrophysical parameters of the series of samples of doped germanium. Orig.

Card 1/2



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36936 s/081/62/000/007/030/033 B168/B101

15.8466

Ovechenko, N. G. Nad', I., Pavlov, S. A.

TITLE:

AUTHORS:

Artificial fatiguing of adhesion joints between polar

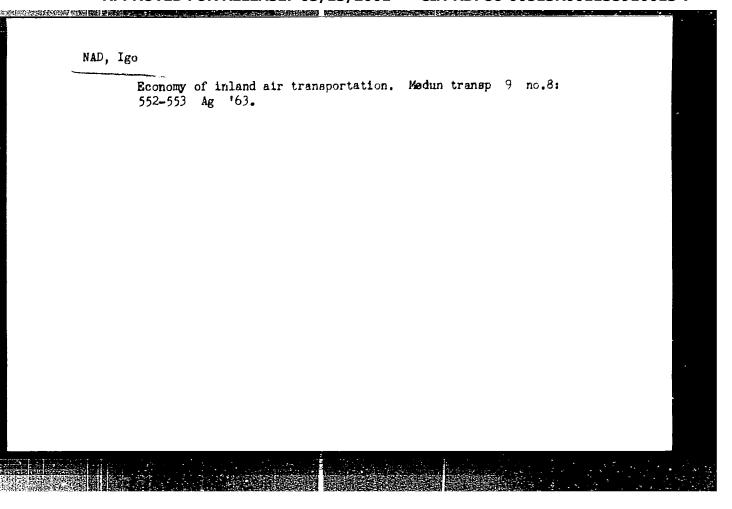
polymers

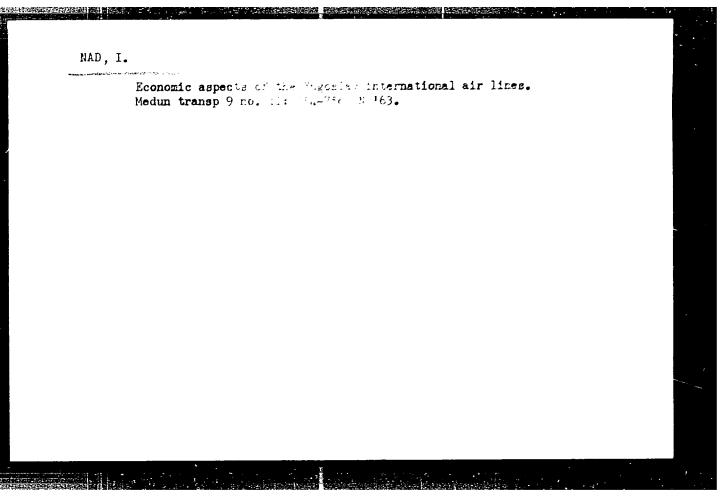
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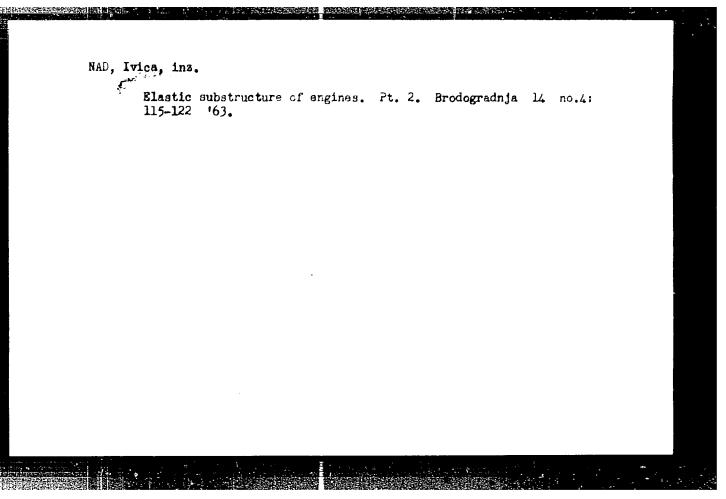
Referativnyy zhurnal. Khimiya, no. 7, 1962, 653-654, abstract 7P307 (Izv. vyssh. uchebn. zavedeniy. Tekhnol.

legk. prom-sti, no. 4, 1961, 27-33)

TEXT: Joints obtained by folding layers of polyamide AK-60/40 (AK-60/40) and nairit HT (NT) (I) were subjected to static fatiguing on a TH3-1 (PNE-1) apparatus by being stretched 25-150% and held in this position, and also to dynamic fatiguing on three apparatuses - a mechanical oscillator PMK-1 (CMK-1), a machine for multiple stretching and compressing MPC-2 (MRS-2) and a machine of original design with a fatiguing frequency of 3 cycles per minute and producing a deformation of 20%. After fatiguing, the joints were split on a noninertia tensile-testing machine of original design, with which the momentary variation in splitting effort could be followed by means of strain gauges. In order to even out Card 1/2



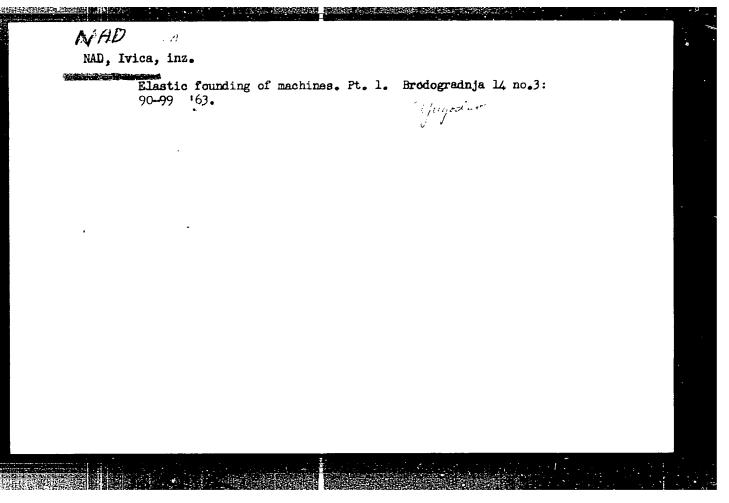


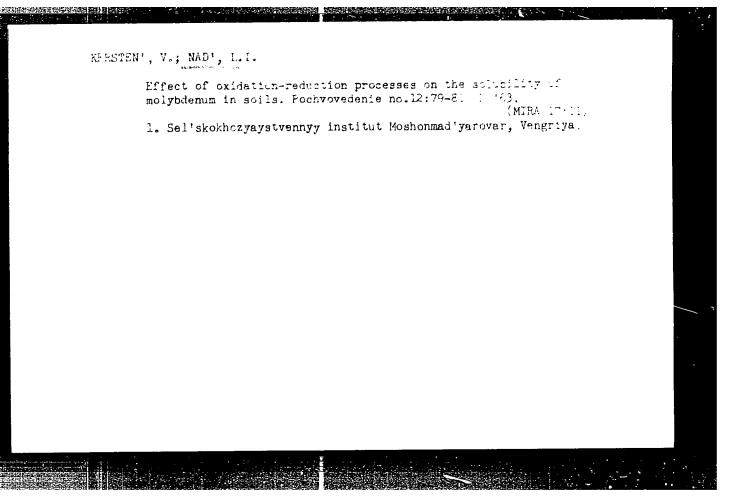


NAD (vica, inz.)

Elastic founding of machines. Brodograduja 14 no.2:60-70 163.

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OUPTEY ATECORY	: USSR : Soil Science. Thysical and Sherical Properties	
BS. JOUR.	of Scil. RZhBicl., No. 4, 1959, No. 15356	
ANTHOR 1731. TITLE	: Tadi, M.N. : Legingrad Agicultural Institute : October of the coin.	
CFIG. PUB.	:Pochyovedeniye, 1957, Mo.9, 20-27	!
ARSTRACT	: -erticasion of acidotics of runus letter of relate soil is selected to with a (retrop of demonstration in order to some a contact original articles at all some intended layer. The extension of the soil in	
	a rect state whichous reslicitions are mutical with a (setted of Avdiavas) does not suspende complete so tization. To loids, iso stell the competit to the subsection of the s	;
Card:	1/2	

ALEXSANDROVA, L.N. NADI. Metro.

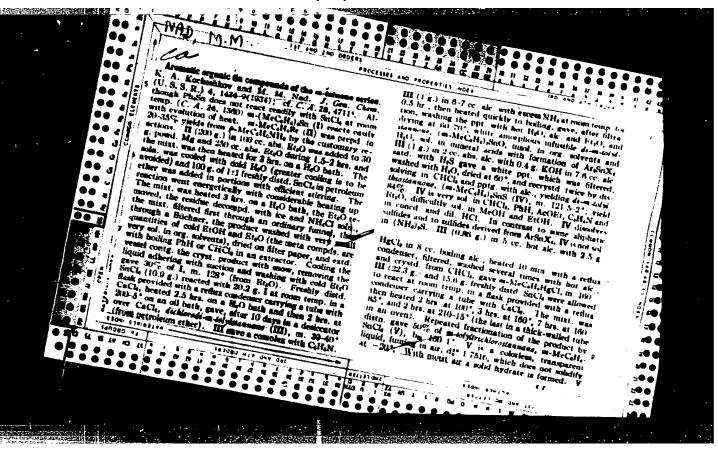
Nature of organomineral colloids and methods of their study
[with summary in English]. Pochvovedenie no.10:21-27) '58.

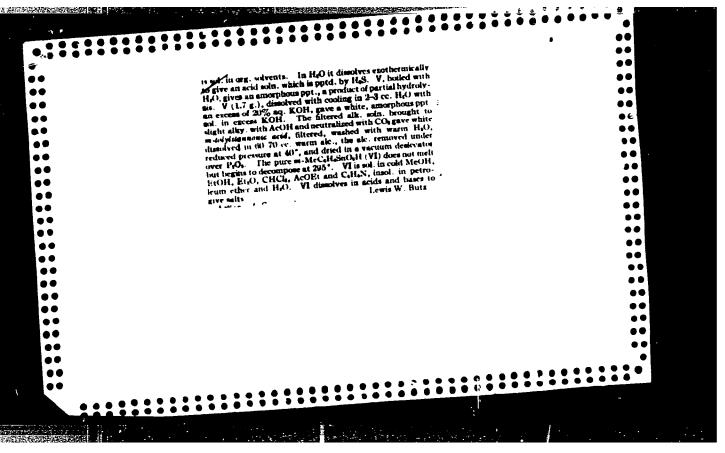
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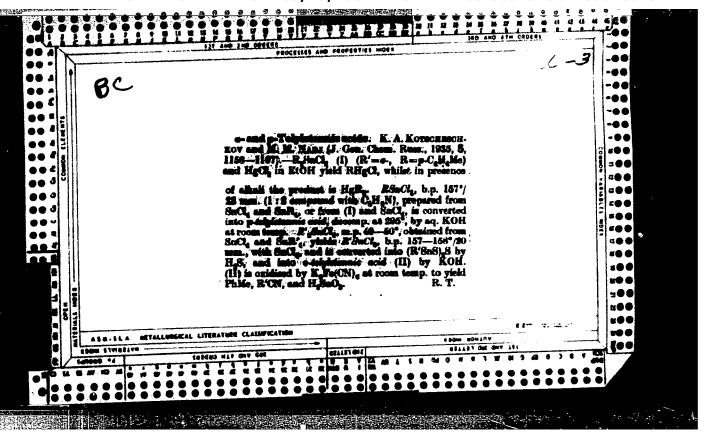
1. Leningradskiy sel'skokhozyaystvennyy institut.

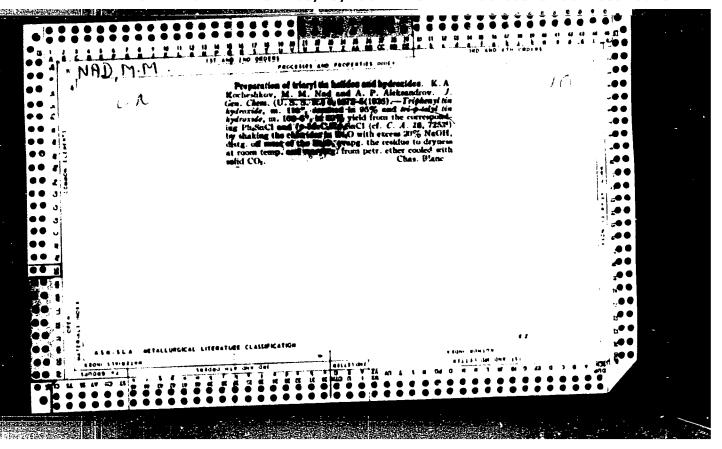
(Soil colloids)

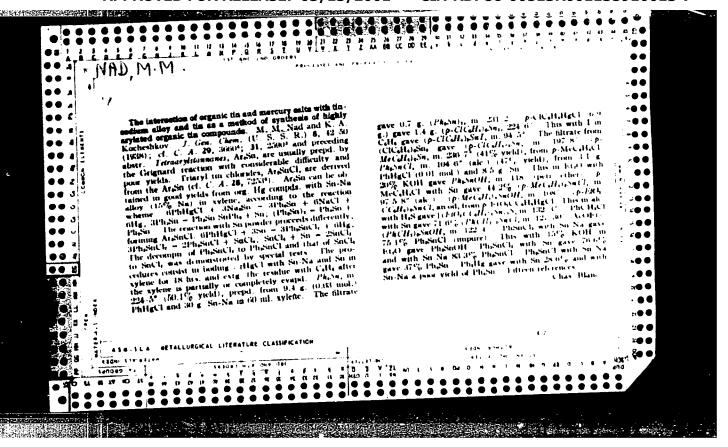
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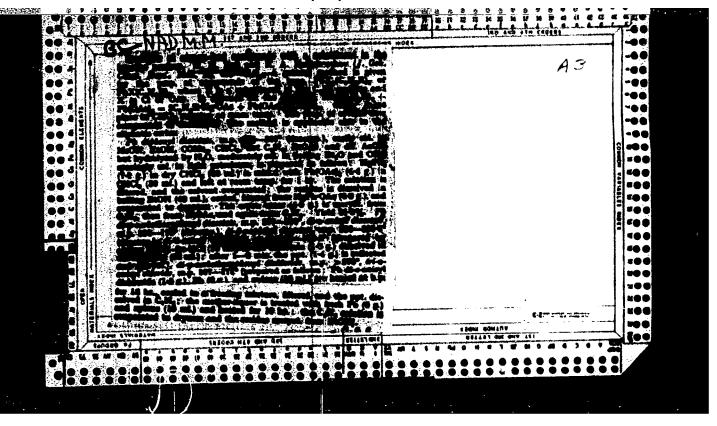












NAD', M. M.

Mbr., Agricultural Lab., All-Union Inst. Exptl. Med. im. A. M.

Gor'kiy, Moscow, -1941-45-. Mbr., Lab. Org. Chem. im. Zelinskiy,

Moscow State Univ., -1940-. "Carbonyls of the Vi Group Metals in the

Periodic System: I," Dok. AN, 26, No.1, 1940; "Method for the Synthesis

of Organo-Metallic Compounds of Lead Having a Substituted Group in the

Benzene Nucleus," Zhur. Obshch. Khim., 12, Nos. 1-3, 1942; ("The

Synthesis of Organo-Bismuth Compounds of the Type R3Bi by the Method

of Double Diazonium Salts," ibid., 16, No. 6, 1946; "Aromatic Organo
Bismuth Compounds Containing an Atom of halogen in the Nucleus," :bid.

* EO-AUTHOR WITH TK hozar USKAIN and YE A. Kerhester

TALALAYEVA, T.V.; HAD', M.H.; KOCHESHKOV, K.A.

Etherates and dioxanates of lithiumorganic compounds. Dokl. AN SSSR 109 no.1:101-104 J1-Ag '56. (MLRA 9:10)

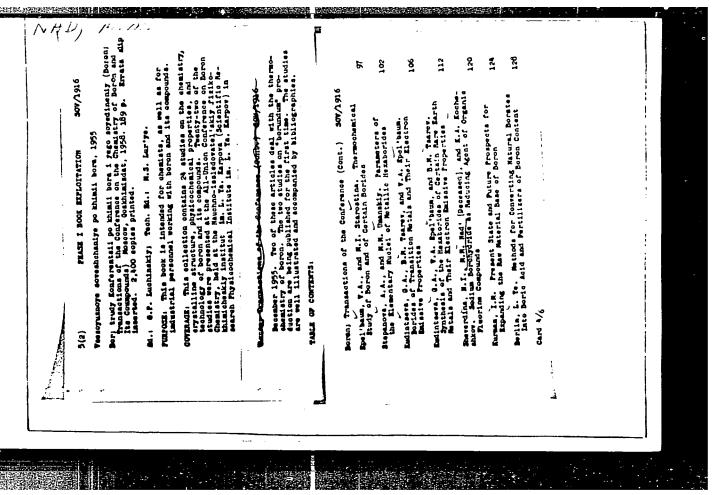
- 1. Chlen-korrespondent Akademii nauk SSSR (for Kecheshkov).
- 2. Fiziko-khimicheskiy institut imeni L.Ya. Karpova.
 (Lithium organic compounds)

NAD', M., Cand Agr Sci -- (diss) "Nature of organo-mineral colloids in soil." Leningrad, 1957. 17 pp; (Ministry of Agriculture 1888, Leningrad Agricultural Inst); 100 copies; free; (KL, 18-60, 194)

NAD', M.H.; KOCHESHKOV, K.A.

Selective reduction of polyhalogenated methanes by sodium-boronhydride. Izv. AN SSSR. Otd. khim. nauk no.9:1122-1123
S '57.

1. Fiziko-khimicheskiy institut im. L.Ya. Karpova AN SSSR.
(Reduction, Chemical) (Methane) (Sodium borohydride)



SOV/62-59-1-10/38 5(3), 5(4)Nad', M. M., Talalayeva, T. V., Kazernikova, G. V., AUTHORS: Kocheshkov, K. A. Fluorinated Styrenes (Ftorirovannyye stiroly) Communication TITLE: I. 2,4-Difluoro Styrene (Soobshereniye 1. 2,4-Diftorstirol) Izvestiya Akademii nauk SOSR. Otdeleniye khimiche kikh nauk, PERIODICAL: 1959, Nr 1, pp 65 - 70 (USSR) In the present paper the authors synthesized 2,4-difluoro APSTRACT: styrene for the first time. 2,4-difluoro-phenyl lithium was also obtained for the first time from 2,4-dibromo benzene and n-butyl lithium at low temperatures. The initial m-difluoro benzene was obtained from hydrochloric m-phenyl diamine. The synthesis was performed in several ways (Scheme). The following variants proved to be the most fevorable: a) m-difluoro benzere (I) was cordensed with acetyl chloride in the presence of aluminum chlorite in carbon disulfide at 35°. The yield of 2,4-difluoro-aceto phenone (II) amounted to 80-85%.(II) was reduced by the effect of sodium boron hydride solution of 10-15% in aqueous alcohol under very soft conditions at temperatures Delow 500. The yield Card 1/2

Fluorinated Styrenes. Communication I.2,4-Difluoro Styrene SOV/62-59-1-10/38

of 2,4-difluoro phenyl-methyl carbinol (III) amounted to 85%, which was dehydrogenated by sulfuric acid potassium (Ref 11). The yield of 2,4—difluoro styrene (IV) amounted to $\sim 70\%$ in that case. The compound represents a mobile, colorless and pungent liquid. Boiling point 50-510(28 mm). b) 2,4-difluoro phenyl-methyl carbinol (III) was synthesized by way of lithium and organo-magnesium compounds; 2,4-difluoro-phenyl lithium (VI) was obtained by the effect of ether solution of 2,4-difluoro-bromo benzene on the ether solution of n-butyl lithium at $N-70^{\circ}$. A large quantity of acetaldehyde was added to the transparent 2,4-difluorophenyl lithium solution at $-65 - -70^{\circ}$. The yield of 2,4-difluoro phenyl-methyl carbinol (III) amounted to 97%. The authors tried to synthesize directly 2,4-difluoro styrene by the condensation of vinyl bromide with 2,4-difluoro phenyl magnesium bromide in the presence of cobalt chloride (in nitrogen) (Ref 17). The yield of styrene (IV) was small: √ 5 - 7%(as dibromide). There are 1 figure and 19 references, 1 of which is Soviet.

Card 2/3

Phys Chen and in L. Ya Karpor

5(3), 5(4)

SOY/62-59-1-11/38

フ(フ/)・フ(サ) AUTHORS: Mad', M. M., Talalayeva, T. V., Kazerrikova, G. V.,

Kocheshkov, K. A.

TITLE:

Fluorinated Styrenes (Ftorirovannyye stiroly) Communication II.2,4-Difluoro- β -Fluoro Styrene and 2,4-Difluoro- β , β -Difluoro-Styrene (Soobshcheniye 2. 2,4-Diftor- β -ftorstirol i

2,4-diftor- β , β -diftorstirol)

PERIODICAL:

Izvestiya Akademii nauk SSSR. Otdeleniye khimichenkikh nauk, 1959, Nr 1, pp 71 - 75 (USSR)

ABSTRACT:

In the present paper the authors described the synthesis of styrenes which were fluorinated both in the side chain and nucleus. 2,4-difluoro- β -fluoro styrene and 2,4-difluoro- β , β -difluoro styrene were synthesized for the first time (Diagram). 2,4-difluoro- β -fluoro styrene was obtained on the basis of 2,4-difluoro- ω , ω -difluoro-aceto phenone (VI). This ketone was obtained in two ways by u ing m-difluoro benzene and 2,4-difluoro-bromo benzene as initial compounds. The condensation in difluoro acetic acid with 2,4-difluoro-phenyl lithium (V) at \sim -70° proved to be the most favorable.

Card 1/3

Fluorinated Styrenes. Communication II. 2,4-Difluoro- β -Fluoro Styrene and 2,4-Difluoro- β , β -Difluoro Styrene

S' V 62-59-1-11/39

2,4-difluoro-w,w -difluoro-aceto phenone was therein obtained in a yield of 50%. Furthermore, (VI) was reduced with rodium boron hydride in which 2,4-difluoro-phenyl difluoro-methyl carbinol (VII) was formed in a yield of 90%. The hydroxyl group of (VII) was substituted by chlorine under the influence of thionyl chloride in pyridine. The yield of 2,4-difluoro-α-chloro-β,β-difluoro benzene (VIII) amounted to 40%. Under the influence of zinc dust upon compound (VIII) 2,4-difluoro-β-fluoro styrene (IX) was synthesized in acetamide in a yield of 82%. 2,4-difluoro-β,β-difluoro styrene (XIII) was synthesized in a similar way. The yield amounted to 40%. The 2,4-difluoro-aceto phenone and m-difluoro benzene used in the synthesis were obtained according to the method described in Communication 1.

Difluoro acetic acid and difluoro chloro acetic acid were separated from corresponding sodium salts in a yield of 70-80%. There is 1 figure.

Card 2/3

Kocheshkov, K. A.

TITLE: Fluorinated Styrenes (Ftorirovannyye stiroly). Communication 3.

Side-Chain Fluorinated Styrenes (Soobshcheniye 3. Stiroly,

ftorirovannyye v bokovoy tsepi)

PERIODICAL: Izvestiya Akademii nauk SSSR, Otdeleniye khimicheskikh nauk,

1959, Nr 2, pp 272-277 (USSR)

ABSTRACT: In the present paper the authors present data concerning the

synthesis of β -fluoro styrene, β , β -difluoro styrene, α , β -difluoro styrene and α -fluoro- β -chloro styrene. β -fluoro styrene and α -fluoro- β -chloro styrene are described for the first time. The synthesis methods of β , β -difluoro styrene and α , β -difluoro styrene devised by the authors deviate from the conventional methods described in publications. For the synthesis of ω , ω -difluoro-acetophenone phenyl lithium was condensed with difluoro-acetic acid at -70°. The yield was 70%. Besides dichloro-acetophenone was fluorinated in dry glycerin under the influence of potassium fluoride. Difluoro-acetophenone was obtained in a yield of \sim 35%. This was reduced under the influence of sodium

Card 1/3

30**V**/62-53-2-14/40

Fluorinated Styrenes. Communication 3. Side-Chain Fluorinated Styrenes

boron hydride to diffuoromethyl-phenyl-carbinol (yield 95%). Furthermore chlorine was substituted for the hydroxyl group of the carbinol by means of thionyl-chloride in pyridine which yielded α-chloro-β,β-difluoroethylbenzene (73%). By the action of zinc in acetamide chlorine and fluorine atoms were separated from this compound, with β -fluoro styrene being formed in a 60-65% yield. β,β -difluoro styrene was obtained in the following way: difluoro-chloro-acetic acid was condensed with phenyl lithium at -70° . The ω,ω,ω -difluoro-chloro-acetophenone was formed (50%). This was reduced by means of sodium boron hydride to diffuoro-chloro-methyl-phenyl carbinol (yield 90-92.6). By the action of thionyl chloride in pyridine the α, β -dichloro- β, β difluoro ethyl benzene (78%) was obtained. By the action of zinc in acetamide 2 chlorine atoms were split off and 3.8-difluoro styrene was formed in a 60-65% yield. By the influence of alcoholic KOH-solution hydrogen fluoride was split off and α-chloro-β-fluoro styrene (60%) with a small impurity of 8,3-difluoro styrene was formed. α, β -difluoro styrene was synthesized as follows: From difluoro acetophenone α, α -dichloro-3, β -difluoro-ethyl benzene (85%) was obtained in the usual manner. By

Card 2/3

Fluorinated Styrenes. Communication 3. Side-Chain Fluorinated Styrenes

fluorination with antimony trifluoride the α -chloro- α , β , β -trifluoro benzene (30-40%) was obtained. By the action of zinc in acetamide β -difluoro styrene (45-50%) was formed at 125° after 40 minutes. α -fluoro- β -chloro styrene: α , α , β , β -tetrachloro-ethyl benzene was obtained by means of phosphorus pentachloride from dichloro acetophenone (37-40%). This was fluorinated with antimony trifluoride to α , α -difluoro- β , β -dichloro-ethyl benzene (46-49%). By the action of zinc in acetymide α -fluoro- β -chloro styrene was obtained in a yield of \sim 80%. There are 5 references.

ASSOCIATION:

Fiziko-khimicheskiy institut im. L. Ya. Karpova (Physico-

Chemical Institute imeni L. Ya. Karpov)

SUBMITTED:

April 19, 1957

Card 3/3

NAD', Yu.Yu.

Condition of electroexcitability of the color perception apparatus in the visual analyzer in persons with congenital disturbances of color vision. Zdrav. Kazakh. 21 no.1:25-29 '61. (MIRA 14:3)

1. Iz laboratorii fiziologii zreniya (zav. -- kahdidat meditsinskikh nauk I.N.Shevelev) Kagakhskogo instituta glaznykh bolezney i kafedry glaznykh bolezney (zav. -- professor V.P.R.shchin) Kazakhskogo meditsinskogo instituta.

(ELECTROPHYSIOLOGY) (COLOR BLINDNESS)

FOGEL', Mariyaí Fogel, Marial, dots.; NAD', Zoltan[Nagy, Zoltan],

SIZA, Mario [Sziza, Mario], dokter [translater];

RAVAS, Yanosh [havasz, Janos], dots., nauchm. red.;

ERDEI, Mikhay [Erdei, Mihāly], dots., nauchn. red.;

BERNAT, D'yerd' [Bernat, Cyōrgy], otv. izdatel; ALEKSA,M.

[Aleksza, M], red.; CHERGE, I.[Csörgò, I.], tekhn. red.

[X-ray atlas of traumatology] Rentgenovskii atlas po travmatologii. Budapest, 1964. 439 p. Translated from the Hungarian.

(MRA 17:3)

1. Zaveduyushchaya otdelom rentgenologii III terapevti-cheskoy kliniki Budapeshtskogo meditsinskogo universiteta
i Cosudarstvennogo Instituta Travmatologii (for Fogel').
2. Glavnyy rentegenolog Budapeshtskoy TSentral'noy Travmatologicheskoy Ambulatorii (for Nad').

NADABAN, Al., prof. inv. mediu (Arad)

Apparatus to determine the acceleration of gravitation. Gaz mat fiz 14 no.9:496-498 S '62.

SEMESH, M.; NADABAN, P.

Testing a wetted-wall evaporator under operational plant con-

ditions. Kons.i ov.prom. 15 no.1:37-41 Ja '60. (MIRA 13:5)

1. Budapeshtskiy konservnyy savod.
(Budapest--Fruit juices)

SENESH, M.; MADABAN, P.

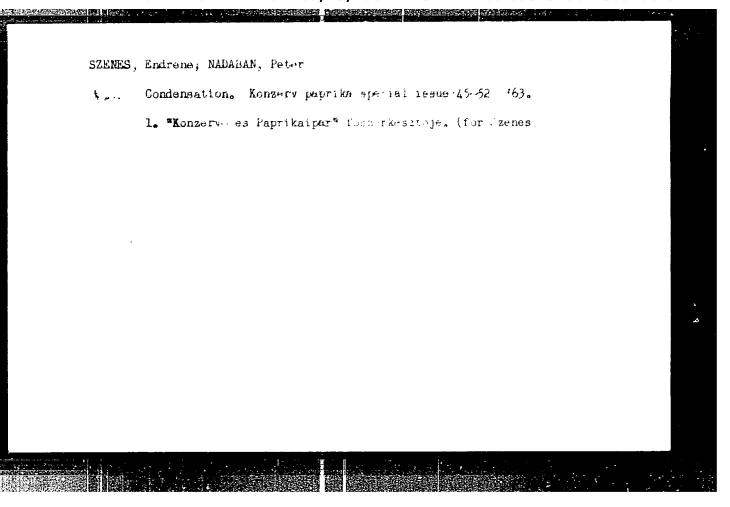
Some aspects of the concentration of fruit juices. Kons.i ov.prom.
15 no.10:30-33 0 '60. (MIRA 13:10)

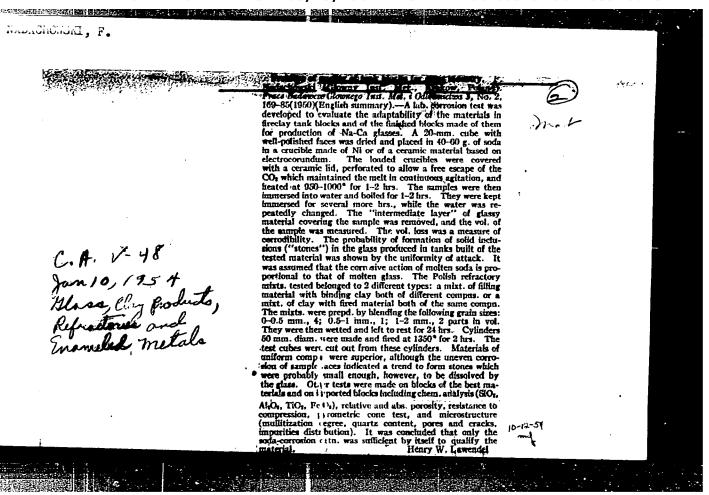
1. Budapeshtskiy konservnyy zavod.
(Fruit juices)

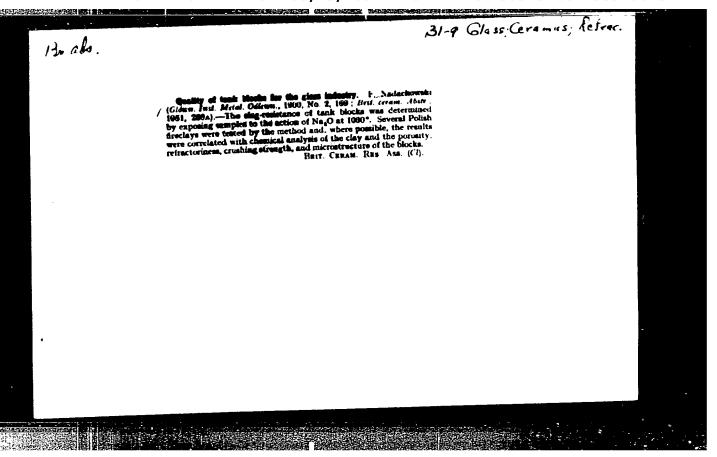
SZENES, Endrene; NADABAN, Peter

Some new devices for manufacturing filamentary fruit juices. Konzerv paprika no.4:125-128 J1-Ag 163.

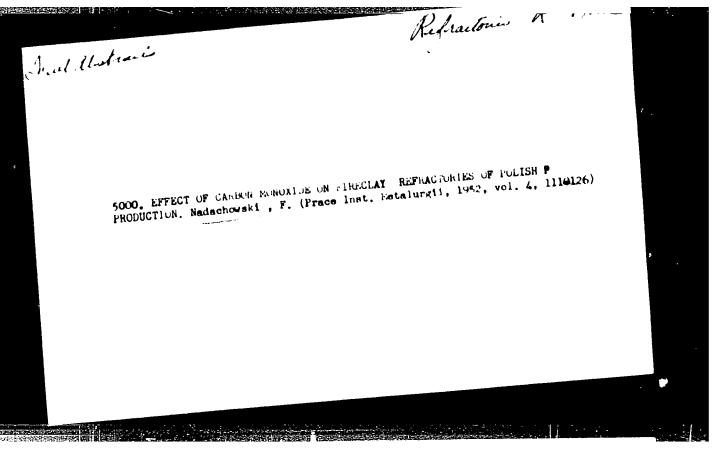
1. Konzerv- es Paprikaipari Kutato Intezet; "Konzerv- es Paprikaipar" foszerkesztoje (for Szenes). 2. Budapesti Konzervgyar (for Nadaban).

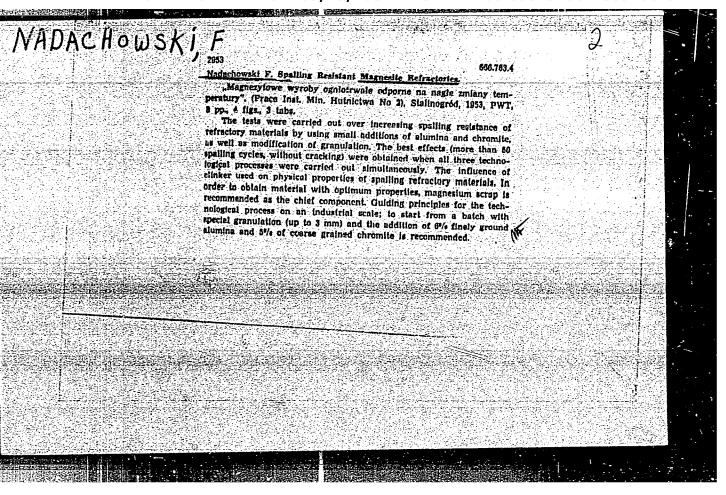






NHDACHOW SKI F. 2534 3.152.212.9 : 651.923 : 654.763.2.017.991.4 Nadachowski E. Influence of Carpon Monoxide on Police Made Fire wpływ tienku wegla na materiały szamotowe krajowej produkcji" (Prace Inst. Metalurgii No. 2), Katowicz, 1932, PWT, 13 pp., 11 figs., 3 tabs. Polish Technical Abstracts The nature and the conditions in which carbon monoxide affects No. 4, 1953 the disintegration process of the blast furnace linings are discussed Other Branches of National in the article. The author has performed a number of tests on Polish made fireclay refractories. Samples of five different brick types were Economy, Miscellaneous exposed to the action of Co for a period of 200 hours at a temperature of 509°C. Every few hours the changes occurring in the material ware analysed and recorded. The samples were classified on the bask of the degree of disintegration, and listed in numerical tables. In the second part of the research, the author investigated, in a smaller apparatus, the concentrates of Iron compounds extracted by means of heavy liquid from the same powdered sample. The changes in the weight of camples were registered as a function of time. By comparing the results of the inve digations it was established, that the general resistance of refractories to the action of carbon oxide is governed by the ability to catalise the reaction 2CO=C+CO2. This ability was determined numerically on the basis of the quantity and the rate of diposition of carbon on the iron compounds concentrate extracted from the refractory. Physical properties of fireclay bricks play, in this case, only a secondary part. The author gives a summary of his observations and practical conclusions in relation to Polish made firecias refractories.

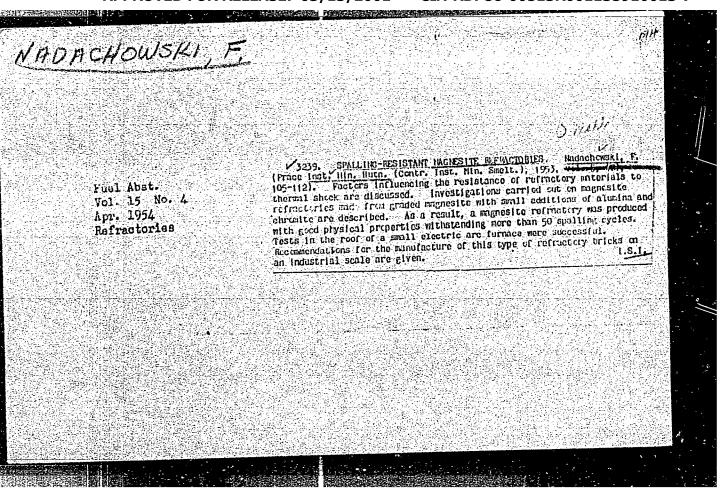




NADACHOWSKI, F.

"Some remarks o norning the process of cementing magnesites", p. 99,
(SZKIO I CERAMIKA, Vol. 4, No. 3, Mar. 1953, Warnzawa, Foland)

SO: Monthly List of East European Accessions, (EEAL), IC, Vol. 4,
No. 5, May 1955, Uncl.



SECTION AND A SECTION AS A SECOND

NADACHOMSKI, F.

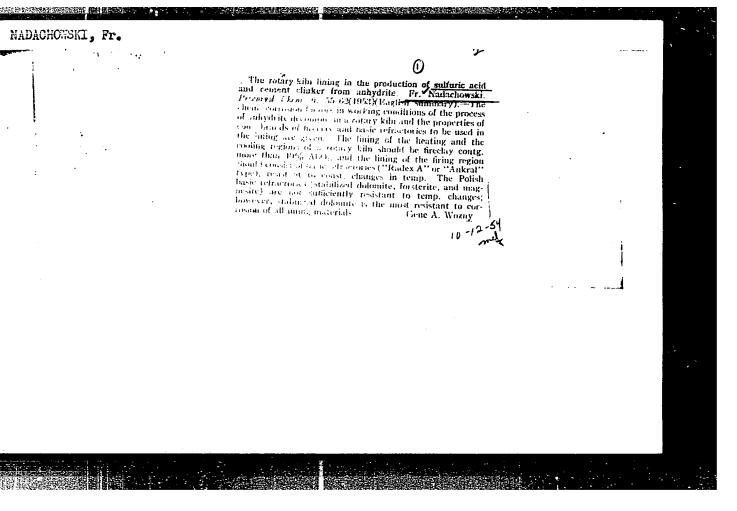
Processing of the white variety of Polish magnesite. R. Nadachowski (Inst. Met., Oliwice, Polond). Prate Inst. Ministering Patrice. 5, 245-58 (1953) (English summary).

The white Silesian magnesite contains about 15% of silica after firing. The possibility of processing this raw material into a high-grade magnesite clinker was investigated, and the properties of the products made of such a clinker were detd. The leading factor of the process was the concent of the raw magnesite by crushing and classifying. The silica impurities, being more friable, ar sepd. in the finer fractions. Thus the following 3 types of materials were obtained: A, grains < 1 mm., 50.11% of wt. loss in firing. 1% of SiO₂; B, grains < 0.5 mm., 48.04% wt. loss, 7.4% of SiO₂; C, 44.37% t. loss, 5.98% SiO₂. As the sintering

addn., mill scale [Fe₂O₂] was used in an unit. of 2.5% added to each material. When it was desired to sinter with the addn. of Ca ferrite, 3 or 6% of raw dolonite was added to the scale to obtain CaO.Fe₂O₃ or 2CaO.Fe₂O₃, resp. The magnesite with the addus, was ball milled down to 0.5 mm. magnesite with the addus, was ball milled down to 0.5 nm. particle size, and from this powder cylinders .0 mm. in dam, were pressed at 500 kg./sq. cm. The sirtering was done at 1500 or 16:0° at a heating rate of 200°/hr.; the samples were kept at the sintering temp, for 3 hrs. The sintered samples were analyzed for porosity, volumetric wt., resistance to compression, linear shrinkage, and microstructure. The results indicated that with the increasing SiO₂ content the difficulty of sintering increased. This impurity linters the periclase grain growth, especially when unicontent the anicuty or statering normals. This imparity binders the periclase grain growth, especially when uniformly distributed in the mass. The best sintering was obtained with the addu. of CaO to the mill scale, and the results are practically equally good with both mono- and di-calculate. The samples sintered at 1600° indicate a much better uniformity and less porosity than the ones sintered at 1500°. However, the aidm. of CaO resulted in too low a softening point under load (below 1500°). The conclusion was that to obtain a product of high quality from the concd.

magnesite it was necessary to add only the mill scale without CaO and that to produce such a material on a com. scale a wet process in a rotary kiln was indicated as assuring a fine comminution and a good blending of the load. In the 2nd part of the wash the conjugate the latest the conjugate th a wet process in a rotary kiln was indicated as assuring a fine comminution and a good blending of the load. In the 2nd part of the work the resistance of the compacts, sintered from the clinker produced as described above, to corrosion by the converter slag was detd. The corrosion tests were done with 2 different methods. A 10-g. slag tablet (pressed from powder) was placed on a sample cylinder, and both were heated for 3 hrs. at 1550. The results were estd. from the appearance of the sample and from the depth of corrosion. The alternate method consisted in detg. the softening point of cones made of 80% of refractory material and 20% of the slag. The 2 types of material tested (2.84 and 0.92% SiO₂) indicated a good resistance to corrosion. In the 3rd part of the work the influence of the amt. of added FeO₂ on the magnesite sintering was investigated. Concel. magnesite (2.88% SiO₂) was mived with 1.25 or 4% of FeO₂ added in the form of mill scale or mill dust. The best results were obtained by addn. of about 1% of FeO₂, preferably as the mill dust. The superiority of the dust over the scale was due probably to the presence of CaO in it. Thus it was possible to produce a clinker at 100% of MgO.

ME 11-10



NADACHOWSKI, F.

"Processes Developed for Various Types of Firebrick in High Temperatures." p. 109 (HUTNIK, Vol. 20. No. 3, Mar. 1953) Warszawa

SO: Monthly Li t of East European Accessions, Library of Longress, Vol. 2, No.10, October 1953. Unclassified.